

RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : PROCESS DEVELOPMENT  
SUBJECT TITLE : CAIMAN  
PERIOD COVERED : OCTOBER - DECEMBER 1988  
WRITTEN BY : Lüthi-N. (NIL)  
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et, ks, br, zw

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**OBJECTIVES**

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This study was initiated in order to determine if waterstained tobaccos expand as well as standard tobaccos.

**STATUS**

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As already reported earlier, for this study flue-cured tobaccos from Korea, Brazil and Zimbabwe were deliberately waterstained, under the supervision of PM tobacco leaf experts, prior to redrying in their respective countries (1). The tobaccos were then shipped to the FTR warehouse in Onnens together with some "normally treated" tobacco as a reference.

The first expansion run took place in September 1988 in Onnens with the trial and reference tobaccos from Korea and Brazil. Four laydowns of 1'000 kg each of 100% flue-cured tobacco were processed in the FTR Primary on September 27 and expanded the next day in Onnens, without any problems. Two additional laydowns of 1'000 kg each with the trial and reference tobaccos from Zimbabwe were expanded on November 30 in Onnens. Again no problems were encountered during the processing and expansion, which was carried out this time also according to specifications for an ET-FCF (ET 011).

In general, only small differences were found between the reference and waterstained tobaccos from the three countries with regard to the physical and chemical results. Hand-made cigarettes were produced from each trial and sent, together with the physical and chemical results, to the Leaf Department in Lausanne for taste evaluation (2).

**REFERENCES**

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- (1) Lüthi-N. Quarterly Report, July-September 1988, p. 41
- (2) Lüthi-N. Fax to Babey-J., "Project CAIMAN", Dec. 19, 1988

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